


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.96(b))	ATTY. DOCKET NO.	SERIAL NO.
	02-40160-US	Not Yet Assigned
	APPLICANT Johnston et al.	
	FILING DATE September 26, 2003	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MS	6	4	4	1	9	0	8	08/2002	Johnston et al.			
MS	6	2	0	5	4	0	6	03/2001	Hahn et al.			
MS	6	1	5	1	5	6	4	11/2000	Vescovi et al.			
MS	6	0	4	6	8	0	1	04/2000	Liu et al.			
MS	5	8	6	4	3	9	4	01/1999	Jordan, III et al.			
MS	5	8	2	8	4	7	9	10/1998	Takano et al.			
MS	5	7	8	9	7	4	3	08/1998	Van Rosmalen			
MS	5	7	7	7	3	1	1	07/1998	Keinath et al.			
MS	5	7	5	4	2	1	5	05/1998	Kataoka et al.			
MS	5	7	3	9	9	1	2	04/1998	Ishii, Akira			
MS	5	6	1	7	1	3	3	04/1997	Fisli			
MS	5	5	5	0	6	6	8	08/1996	Appel et al.			
MS	5	4	8	9	9	8	5	02/1996	Mochida et al.			
MS	5	4	5	0	2	1	9	09/1995	Gold et al.			
MS	5	2	4	5	1	8	2	09/1993	Van Rosmalen et al.			
MS	5	1	7	1	9	8	4	12/1992	Van Rosmalen			
MS	5	1	5	7	4	8	6	10/1992	Turcheck, Jr.			
MS	5	1	5	1	6	0	8	09/1992	Torii et al.			
MS	5	1	4	9	9	6	3	09/1992	Hassler, Jr.			
MS	5	0	0	4	9	2	9	04/1991	Kakinoki et al.			
MS	4	9	7	9	8	1	6	12/1990	White			
MS	4	9	3	2	7	8	4	06/1990	Danneskiold- Samsoe, Ulrik			
MS	4	8	8	0	2	9	9	11/1989	Hamada			
MS	4	8	6	3	2	6	8	09/1989	Clarke et al.			
MS	4	7	5	9	5	9	3	07/1988	Kessler			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER						PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
		0	6	1	8	4	7	2	10/1994	EP		<input type="checkbox"/>	<input type="checkbox"/>
	0	3	1	9	8	6	5	0	08/1991	JP		<input type="checkbox"/>	<input type="checkbox"/>
		0	3	7	7	9	7	3	07/1990	EP		<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)												
MS		A Real-time Optical Profile Sensor For Robot Arc Welding, Oomen et al, Proceedings Of The SPIE, vol. 449, Intelligent Robots: RoViSec3, 1983 pp. 62-71.										
MS		Science Applications International Corporation, "Recent Applications of Laser Line Scan Technology and Data Processing", SAIC Science and Technology Trends, 1998, pp. 190-195										
MS		"Motor/Polygon Speed Stability Definition and Measurement", Lincoln Laser Scanning Systems, 1993, Appl. Note #214, pp. 1-4										
MS		Planar Substrate Surface Plasmon Resonance Probe with Multivariate Calibration (section entitled "2. Theory of Light Pipe SPR Sensors"), Ph.D. Dissertation, Univ. Washington, 1996, Kyle S. Johnston, 25 pages										

EXAMINER	Michael Stefan	DATE CONSIDERED	5-18-04
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B		4	6	3	9	1	4	0	01/1987	Lerat, Bernhard			
B		4	6	2	8	4	6	9	12/1986	White			
B		4	5	6	7	3	4	7	01/1986	Ito et al.			
B		4	4	9	8	7	7	8	02/1985	White			
B		4	2	7	7	1	4	1	07/1981	Kleiber			
B		4	6	3	9	1	4	0	01/1987	Lerat, Bernhard			
B		4	6	2	8	4	6	9	12/1986	White			
B		4	5	6	7	3	4	7	01/1986	Ito et al.			
B		4	4	9	8	7	7	8	02/1985	White			
B		4	2	7	7	1	4	1	07/1981	Kleiber			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION															
		DOCUMENT NUMBER							PUBLI- CATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION		
														YES	NO
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)		

EXAMINER <div style="font-family: cursive; font-size: 1.2em;">Michael Statler</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em;">5-13-04</div>
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